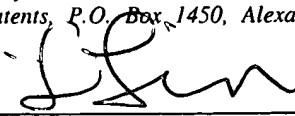


PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 25, 2004.


Lindsey Lin

Applicant : Karen Sarachik, et al.
Application No. : 10/820,949
Filed : April 8, 2004
Title : METHODS FOR OUTLINING AND FILLING REGIONS IN MULTI-DIMENSIONAL ARRAYS

Grp./Div. : 2621
Examiner : Not yet assigned

Docket No. : 52366/SAH/G476

**INFORMATION DISCLOSURE STATEMENT
FOR A CONTINUING NON-CPA APPLICATION**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
October 25, 2004

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, enclosed is FORM PTO/SB/08A/B.

The references listed thereon are not enclosed because they were made of record in either the grandparent application, Application No. 09/694,079, filed October 20, 2000 or the parent application, Application No. 09/697,774, filed October 26, 2000.

It is respectfully requested that these references be considered in the examination of this application, and identified in the list of references cited on the patent issuing on this application.

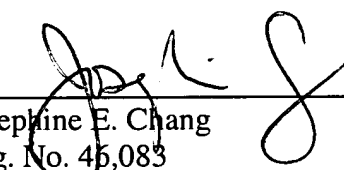
Application No. 10/820,949

The Commissioner is hereby authorized to charge any fees which may be required by this paper to Deposit Account No. 03-1728. Please show our docket number with any Deposit Account transaction. **A copy of this paper is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

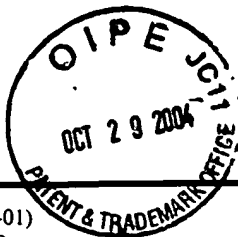
By


Josephine E. Chang
Reg. No. 46,083
626/795-9900

JEC/lal

Enclosure(s)

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FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Attorney Docket Number	52366/JEC/G476
Application Number	10/820,949
Filing Date	April 8, 2004
Applicant(s)	Karen Sarachik et al.
Group Art Unit	2621
Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		4,016,361	04-05-1977	Pandley
		4,122,477	10-24-1978	Gallo
		4,264,924	04-28-1981	Freeman
		4,264,925	04-28-1981	Freeman et al.
		4,507,680	03-26-1985	Freeman
		4,532,547	07-30-1985	Bennett
		4,573,072	02-26-1986	Freeman
		4,602,279	07-22-1986	Freeman
		4,743,959	05-10-1988	Frederiksen
		4,748,512	05-31-1988	Armstrong
		4,792,849	12-20-1988	McCalley et al.
		4,803,553	02-07-1989	Schrock et al.
		4,811,407	03-07-1989	Blokke, Jr. et al.
		4,829,372	05-09-1989	McCalley et al.
		4,847,698	07-11-1989	Freeman
		4,847,699	07-11-1989	Freeman
		4,847,700	07-11-1989	Freeman
		4,903,317	02-20-1990	Nishihara et al.
		4,941,040	07-10-1990	Pocock et al.

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DATE
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		4,959,718	09-25-1990	Bennett
		5,008,745	04-16-1991	Willoughby
		5,008,751	04-16-1991	Wischermann
		5,014,125	05-07-1991	Pocock et al.
		5,045,940	09-03-1991	Peters et al.
		5,101,280	03-31-1992	Moranaga et al.
		5,124,811	06-23-1992	Ohsawa et al.
		5,130,792	07-14-1992	Tindell et al.
		5,195,092	03-16-1993	Wilson et al.
		5,208,665	05-04-1993	McCalley et al.
		5,267,333	11-30-1993	Aono et al.
		5,347,322	09-13-1994	Levine et al.
		5,404,173	04-04-1995	Parrish et al.
		5,452,006	09-19-1995	Auld
		5,452,372	09-19-1995	Shirasaka et al.
		5,499,050	03-12-1996	Baldes et al.
		5,504,534	04-02-1996	Sakaegi
		5,526,024	06-11-1996	Gaglianella et al.
		5,533,021	07-02-1996	Branstad et al.

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		5,541,602	07-1996	Opris et al.
		5,541,662	07-30-1996	Adams et al.
		5,583,561	12-10-1996	Baker et al.
		5,585,858	12-07-1996	Harper et al.
		5,590,262	12-31-1996	Isadore-Barreca
		5,600,775	02-04-1997	King et al.
		5,603,058	02-11-1997	Belknap et al.
		5,630,067	05-13-1997	Kindell et al.
		5,632,007	05-02-1997	Freeman
		5,640,601	06-17-1997	Peters
		5,664,354	07-01-1997	Thompson et al.
		5,665,050	08-05-1997	Yamamoto et al.
		5,689,799	11-18-1997	Dougherty et al.
		5,708,845	01-13-1998	Wistendahl et al.
		5,715,176	02-03-1998	Mobini
		5,724,091	03-03-1998	Freeman et al.
		5,754,233	05-19-1998	Takashima
		5,754,250	05-19-1998	Cooper
		5,757,968	05-26-1998	Ando

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U.S. PATENT DOCUMENTS				
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		5,768,431	06-16-1998	Saunders et al.
		5,771,073	06-23-1998	Lim
		5,774,664	05-30-1998	Hidary et al.
		5,774,666	06-30-1998	Portuesi
		5,786,855	07-28-1998	Chen et al.
		5,790,269	08-04-1998	Masaki et al.
		5,805,204	09-08-1998	Thompson et al.
		5,815,634	09-29-1998	Daum et al.
		5,832,121	11-03-1998	Ando
		5,835,146	11-10-1998	Stone
		5,838,828	11-17-1998	Mizuki et al.
		5,845,083	12-01-1998	Hamadani et al.
		5,848,352	12-08-1998	Dougherty et al.
		5,861,881	01-19-1991	Freeman et al.
		5,883,633	03-16-1999	Gill et al.
		5,883,670	03-16-1999	Sporer et al.
		5,883,975	03-16-1999	Narita et al.
		5,889,746	03-30-1999	Moriyama et al.
		5,903,816	05-11-1999	Broadwin et al.

EXAMINER SIGNATURE	DATE CONSIDERED	4
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EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		5,905,523	05-18-1999	Woodfield et al.
		5,907,322	05-25-1999	Kelly et al.
		5,912,675	06-15-1999	Laperriere
		5,912,994	06-15-1999	Norton et al.
		5,918,012	06-29-1999	Astiz et al.
		5,926,172	07-20-1999	Hanley
		5,930,797	07-27-1999	Hill
		5,933,532	08-03-1999	Mihara
		5,946,318	08-31-1999	Host
		5,949,410	09-07-1999	Fung
		5,949,476	09-07-1999	Pocock et al.
		5,961,603	10-05-1999	Kunkel et al.
		5,969,715	10-19-1999	Dougherty et al.
		5,969,755	10-19-1999	Courtney
		5,977,962	11-02-1999	Chapman et al.
		5,977,989	11-02-1999	Lee et al.
		5,978,029	11-02-1999	Boice et al.
		5,990,890	11-23-1999	Etheredge
		5,991,799	11-23-1999	Yen et al.

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U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		5,999,970	12-07-1999	Krisbergh et al.
		6,002,455	12-14-1999	Enomoto et al.
		6,006,241	12-21-1999	Purnaveja et al.
		6,006,256	12-21-1999	Zdepski et al.
		6,006,265	12-21-1999	Rangan et al.
		6,008,857	12-28-1999	Keery et al.
		6,009,229	12-28-1999	Kawamura
		6,014,693	01-11-2000	Ito et al.
		6,016,152	01-18-2000	Dickie
		6,018,372	01-25-2000	Etheredge
		6,018,768	01-25-2000	Ullman et al.
		6,023,703	02-08-2000	Hill
		6,038,319	03-14-2000	Chari
		6,040,871	03-21-2000	Andersson
		6,049,539	04-11-2000	Lee et al.
		6,058,430	05-02-2000	Kaplan
		6,067,107	05-23-2000	Travaille et al.
		6,072,839	06-06-2000	Mondal et al.
		6,075,568	06-13-2000	Matsuura

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		6,081,299	06-27-2000	Kesselring
		6,084,588	07-04-2000	De Haan
		6,084,912	07-04-2000	Reitmeier et al.
		6,118,472	09-12-2000	Dureau et al.
		6,141,002	10-31-2000	Kanungo et al.
		6,148,081	11-14-2000	Syzmanski et al.
		6,151,626	11-21-2000	Tims et al.
		6,169,541 B1	01-02-2001	Smith
		6,169,573 B1	01-02-2001	Sampath-Kumar et al.
		6,172,674 B1	01-09-2001	Etheredge
		6,181,334 B1	01-30-2001	Freeman et al.
		6,204,843 B1	03-20-2001	Freeman et al.
		6,204,885 B1	03-20-2001	Kwoh
		6,205,231 B1	03-20-2001	Isadore-Barreca et al.
		6,215,484 B1	04-10-2001	Freeman et al.
		6,215,526 B1	04-10-2001	Barton
		6,223,211 B1	04-24-2001	Hamilton et al.
		6,229,541 B1	05-08-2001	Kamen et al.
		6,239,815 B1	05-29-2001	Frink et al.

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		6,314,572 B1	11-06-2001	LaRocca et al.
		6,341,178 B1	01-22-2002	Parker
		6,357,042 B2	03-12-2002	Srinivasan et al.
		6,415,438 B1	07-02-2002	Blackketter et al.
		6,501,853 B1	12-31-2002	Gregg et al.
		6,341,178 B1	01-22-2002	Parker
		6,357,042 B2	03-12-2002	Srinivasan et al.
		6,415,438 B1	07-02-2002	Blackketter et al.
		6,473,804 B1	10-2002	Kaiser et al.
		6,501,853 B1	12-21-2002	Gregg et al.
		6,615,408 B1	09-02-2003	Kaiser et al.
		Re 34,340	08-10-1993	Freeman

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	<u>Foreign Patent Document</u> Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)
		EP 0 498 511 A1	08-12-1992	Moolenaar	
		EP 0 596 823 A2	05-11-1994	Gibson	

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Attorney Docket Number

52366/JEC/G476

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Applicant(s)

Karen Sarachik et al.

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		EP 0 596 823 A3	05-11-1994	Gibson	
		EP 0 596 823 B1	05-11-1994	Gibson	
		EP 0 649 102 A2	04-19-1995	Woodfield et al.	
		EP 0 649 102 A3	04-19-1995	Woodfield et al.	
		EP 0 649 102 B1	05-17-2000	Woodfield et al.	
		EP 0 680 213 A2	11-02-1995	Menand et al.	
		EP 0 680 213 A3	05-08-1996	Menand et al.	
		EP 0 680 213 B1	02-16-2000	Menand et al.	
		EP 0 752 786 A1	01-08-1994	Rohatgi et al.	
		EP 0 782 065 A2	07-02-1997	Nielsen	
		EP 0 834 798 A2	04-08-1998	Stautnet et al.	
		EP 0 840 241 A1	05-06-1998	Chen et al.	
		EP 0 841 610 A2	05-13-1998	Kaufman	
		EP 0 858 225 A1	08-12-1998	Time et al.	
		EP 0 866 614 A1	09-23-1998	Weston et al.	
		EP 0 920 891 A1	06-09-1999	Walton et al.	
		EP 0 928 105 A1	07-07-1999	Kamada	
		EP 0 954 176 A2	11-03-1999	Dougherty et al.	

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**INFORMATION DISCLOSURE
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(use as many sheets as necessary)

Attorney Docket Number

52366/JEC/G476

Application Number

10/820,949

Filing Date

April 8, 2004

Applicant(s)

Karen Sarachik et al.

Group Art Unit

2621

Examiner Name

Not yet assigned

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)
		EP 0 954 179 A2	11-03-1999	Travaille et al.	
		EP 0 977 389 A2	02-02-2000	Del Sesto et al.	
		EP 0 988 876 A1	03-29-2000	Malaure et al.	
		EP 1 005 885 A1	06-07-2000	Malaure et al.	
		EP 1 050 328 A1	11-08-2000	Malaure et al.	
		EP 1 051 039 A2	11-08-2000	McRae et al.	
		EP 1 052 854 A1	11-15-2000	Kydd	
		EP 1 061 739 A2	12-20-2000	Freeman et al.	
		EP 1 089 279 A2	04-04-2001	Phillips et al.	
		EP 1 098 532 A2	05-09-2001	Harper et al.	
		EP 1 098 533 A2	05-09-2001	Harper et al.	
		EP 1 098 534 A2	05-09-2001	Harper et al.	
		JP 0 717 0410	07-04-1995	Yamamori et al.	
		JP 1 102 7540	01-29-1999	Nobuhito	X
		JP 5 512 4361	09-25-1980	Hiroshi	X
		WO 96/36007	11-14-1996	Mizuki et al.	
		WO 97/22083	06-19-1997	Chen et al.	
		WO 97/29458	08-14-1997	Freeman et al.	

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	Applicant(s)	Karen Sarachik et al.
	Group Art Unit	2621
	Examiner Name	Not yet assigned

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		WO 97/33434	09-12-1997	Hidary et al.	
		WO 97/33437	09-12-1997		
		WO 97/37497	10-09-1997	Astiz et al.	
		WO 98/10586	03-12-1998	Tyson	
		WO 98/11512	03-09-1998	Sevigny	
		WO 98/18259	04-30-1998	Chapman et al.	
		WO 98/41020	09-17-1998	Freeman et al.	
		WO 98/44435	10-08-1998	Chen et al.	
		WO 98/47084	10-22-1998	Qian	
		WO 98/43437	10-01-1998	Declerck et al.	
		WO 98/51077	11-12-1998	Durst et al.	
		WO 98/57718	12-23-1998	Holmes et al.	
		WO 99/10822	03-04-1999	Efrat et al.	
		WO 99/10871	03-04-1999	Hanley	
		WO 99/23833	05-14-1999	Lawrence et al.	
		WO 99/23825	05-14-1999	Dunn et al.	
		WO 99/23774	05-14-1999	Pennywitt et al.	
		WO 99/49658	09-30-1999	Pleyer et al.	

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		WO 99/52081	10-14-1999	Miller et al.	
		WO 99/52282	10-14-1999	Hurst	
		WO 99/52045	10-14-1999	Valdez	
		WO 99/52075	10-14-1999	Wise et al.	
		WO 99/52081	10-14-99	Hensely et al.	
		WO 99/52283	10-14-1999	Hensley et al.	
		WO 99/52290	10-14-1999	Frink et al.	
		WO 99/52294	10-14-1999	Kurtze et al.	
		WO 99/52296	10-14-1999	Sethuraman	
		WO 99/54879	10-28-1999	Gagne	
		WO 00/07361	02-10-2000	Mao et al.	
		WO 00/13414	03-09-2000	Kamijo et al.	
		WO 00/16544	03-23-2000	Freeman et al.	
		WO 00/18136	03-30-2000	Sethuraman et al.	
		WO 00/21207	04-13-2000	Lee	
		WO 00/31972	06-02-2000	Wilcox et al.	
		WO 00/39947	07-06-2000	Stalker	
		WO 00/40004	07-06-2000	Wishoff et al.	

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		WO 00/40007	07-06-2000	Aspromonte et al.	
		WO 00/45599	08-03-2000	Ransford	
		WO 00/46680	08-10-2000	Kamen et al.	
		WO 00/46753	08-10-2000	Kamen et al.	
		WO 00/46754	08-10-2000	Surftv et al.	
		WO 00/63848	10-26-2000	Miller et al.	
		WO 00/77664 A2	12-21-2000		
		WO 00/64166	10-26-2000	Gordon et al.	
		WO 01/17256 A1	03-08-2001	Kay et al.	
		WO 01/17257 A1	03-08-2001	Kay et al.	
		WO 01/17258 A1	03-08-2001	Kay et al.	
		WO 01/17259 A1	03-08-2001	Kay et al.	
		WO 01/17260 A1	03-08-2001	Kay et al.	
		WO 01/17261 A1	03-08-2001	Kay et al.	
		WO 01/18676 A1	03-15-2001	Syrftv et ak,	
		WO 01/18678 A2	03-15-2001	Boucher et al.	
		WO 01/18706 A2	03-15-2001	Kay et al.	
		WO 01/24027 A1	04-05-2001	Ullman et al.	

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		WO 01/39485 A2	05-31-2001	Hermush et al.	
		WO 01/67388 A2	09-13-2001	Dakss et al.	

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Annex for form PCT/ISA/206, PCT International Search Report for International Application No. PCT/US01/10641, mailed on September 12, 2001
		Co-pending U.S. Application No 09/943,583, filed August 30, 2001, entitled METHOD AND APPARATUS FOR HYPERLINKING INA TELEVISION BROADCAST
		Co-pending U.S. Application No. 09/715,944, filed November 17, 2000, entitled METHOD AND APPARATUS FOR RECEIVING A HYPERLINKED TELEVISION BROADCAST
		Co-pending U.S. Application No. 09/695,900, filed October 25, 2000, entitled METHOD AND APPARATUS FOR INTERACTION WITH HYPERLINKS IN A TELEVISION BROADCAST
		Co-pending U.S. Patent Application No. 09/747,677; filed December 22, 2000, entitled Entitled: A Method and Apparatus for Switching Between Multiple Programs by Interacting with a Hyperlinked Television Broadcast
		Co-pending U.S. Patent Application No. 09/697,775; filed October 26, 2000, entitled METHOD AND APPARATUS FOR GENERATING DATA STRUCTURES FOR A HYPERLINKED TELEVISION BROADCAST
		Co-pending U.S. Patent Application No. 09/697,483, filed October 26, 2000, entitled METHOD AND APPARATUS FOR ENCODING VIDEO HYPERLINKS

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OTHER DOCUMENTS		
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		Co-pending U.S. Patent Application No. 09/697,479, filed October 26, 2000, entitled SINGLE-PASS MULTILEVEL METHOD FOR APPLYING MORPHOLOGICAL OPERATORS IN MULTIPLE DIMENSIONS
		PCT International Search Report for International Application No. PCT/US01/06351, mailed on August 20, 2001
		PCT International Search Report for International Application No. PCT/US01/06458, mailed on August 20, 2001
		Annex for Form PCT/ISA/206, PCT International Search Report for International Application No. PCT/US01/10641, mailed on September 12, 2001.
		PCT International Search Report for International Application No. PCT/US01/06461, mailed on August 20, 2001
		PCT International Search Report for International Application No. PCT/US01/27046, mailed on November 14, 2001
		Bove et al., "Adding Hyperlinks to Digital Television", Pgs. 795-801, SMPTE Journal, SMPTE, Inc. Scarsdale, N.Y., US, Vol. 108, No. 11, November 1999
		Brigger and Kunt, "Morphological Shape Representation For Very Low Bit-Rate-Video Coding", pgs. 297-311, Signal Processing: Image Communication, NL, Elsevier Science Publishers, Amsterdam, Vol. 7, No. 4
		Burrill et al., "Time-Varying Sensitive Regions in Dynamic Multimedia Objects: a Pragmatic Approach to Content-Based Retrieval From Video", pgs. 213-223, Information and software Technology 1994
		Chalom, "Statistical Image Sequence Segmentation Using Multidimensional Attributes", 202 pgs., Massachusetts Institute of Technology Philosophy Thesis, January 1998

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		Chalom, et al., "Segmentation of an Image Sequence Using Multidimensional Image Attributes", 4 pgs., Proceedings of the ICIP-96, September 1996
		Dakss et al., "Hyperlinked Video", Proceedings of the SPIE Conference on Multimedia Systems and Applications, Boston, November 1998, SPIE vol. 3528
		Ginige et al. "Hypermedia Authoring" pgs. 24-35, University of Technology, Sydney, IEEE Multimedia, Winter 1995
		Hirata et al. "Content-Oriented Integration in Hypermedia Systems", (pg. 11-21), Washington, March 16-20, 1996, New York, ACM, US, vol. CONF. 7, 16 March 1996
		IBM Technical Disclosure Bulletin, "Visual Behavior of Multimedia Hypervideo Links for Motion Video", Page 409, Volume 37, No. 1, January 1994
		Pardas et al., "3D Morphological Segmentation for Image Sequence Processing", pgs. 6.1_3.1-6.1_3.6, Nonlinear Digital Signal Processing, 17-20 January 1993, Barcelona, Spain. [online] [retrieved from the internet] <URL:http://ieeexplore.ieee.org/ie15/6208/16581/00767733.pdf> [retrieved on 2001-07-16] abstract
		PCT International Search Report for International Application No. PCT/US01/06411, mailed on December 13, 2001
		Salembier et al., "Segmentation-Based Video Coding System Allowing the Manipulation of Objects", pgs. 60-73, IEEE Transactions on Circuits and Systems for Video Technology, IEE Inc., New York, US, Vol. 7, No. 1, February 1997
		Tonomura, "Video Handling Based on Structured Information for Hypermedia Systems", pgs. 333-344, In Proceedings International Conference on Multimedia Information Systems, Singapore, 1991
		Vasconcelos et al., "Learning Mixture Hierarchies", 7 pgs., NIPS'98, 1998

EXAMINER SIGNATURE		DATE CONSIDERED	16
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		Vass et al., "Automatic Spatio-Temporal Video Sequence Segmentation", pgs. 958-962, Proceedings of the 1998 International Conference on Image Processing, 4-7 October 1998, <URL:http://ieexplore.ieee.org/ie14/5852/00723681.pdf>, [retrieved on 2001-07-06] Abstract
		IBM Technical Disclosure Bulletin "User-Controlled Display of Hypermedia Links Via Mouse Location", page 669, Volume36, No. 8, August 1993

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